

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
 WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
 CAS Number: 5589-96-8
 Pathologist: HEATH, J. - Unknown, U.

Date Report Requested: 08/21/2006
 Time Report Requested: 10:19:09
 First Dose M/F: 10/10/01 / 10/10/01
 Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Disposition Summary				
Animals Initially in Study	66	66	66	66
Early Deaths				
Moribund Sacrifice	6	5	9	15
Natural Death	6	10	11	14
Survivors				
Terminal Sacrifice	38	35	30	21
Animals Examined Microscopically	50	50	50	50
ALIMENTARY SYSTEM				
Esophagus	(50)	(50)	(49)	(50)
Ulcer	1 (2%)			
Intestine Large, Cecum	(49)	(49)	(49)	(49)
Developmental Malformation				1 (2%)
Edema	1 (2%)	1 (2%)		1 (2%)
Inflammation				1 (2%)
Intestine Large, Colon	(50)	(50)	(50)	(50)
Ulcer			1 (2%)	
Intestine Small, Duodenum	(48)	(47)	(48)	(47)
Intestine Small, Jejunum	(47)	(47)	(46)	(43)
Developmental Malformation				1 (2%)
Hyperplasia, Lymphoid Epithelium, Hyperplasia Peyer's Patch, Inflammation, Suppurative			1 (2%)	1 (2%)
Liver	(50)	(50)	(50)	(50)
Amyloid Deposition	1 (2%)			
Angiectasis	2 (4%)			
Basophilic Focus	5 (10%)	11 (22%)	8 (16%)	4 (8%)
Clear Cell Focus	15 (30%)	9 (18%)	4 (8%)	1 (2%)
Eosinophilic Focus	20 (40%)	25 (50%)	14 (28%)	19 (38%)
Fibrosis	1 (2%)			
Hematopoietic Cell Proliferation	1 (2%)	1 (2%)	2 (4%)	3 (6%)
Hemorrhage	1 (2%)		1 (2%)	
Infarct	1 (2%)			
Infiltration Cellular, Mixed Cell	4 (8%)	1 (2%)	2 (4%)	2 (4%)
Mixed Cell Focus	5 (10%)	9 (18%)	6 (12%)	4 (8%)
Necrosis, Focal	5 (10%)	5 (10%)	7 (14%)	7 (14%)

a - Number of animals examined microscopically at site and number of animals with lesion

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B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Regeneration	1 (2%)			
Bile Duct, Cyst Multilocular	1 (2%)			
Centrilobular, Necrosis	1 (2%)	2 (4%)	4 (8%)	8 (16%)
Hepatocyte, Fatty Change			1 (2%)	
Hepatocyte, Vacuolization Cytoplasmic	3 (6%)	12 (24%)	17 (34%)	19 (38%)
Mesentery	(15)	(12)	(8)	(8)
Angiectasis		1 (8%)		
Fat, Necrosis	15 (100%)	9 (75%)	6 (75%)	3 (38%)
Pancreas	(50)	(50)	(50)	(50)
Necrosis				1 (2%)
Acinus, Cytoplasmic Alteration	2 (4%)	5 (10%)	5 (10%)	8 (16%)
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia, Lymphoid	2 (4%)	4 (8%)	3 (6%)	5 (10%)
Necrosis		1 (2%)		
Stomach, Forestomach	(50)	(50)	(49)	(50)
Diverticulum				2 (4%)
Dysplasia			1 (2%)	
Inflammation, Chronic		1 (2%)		3 (6%)
Ulcer	2 (4%)	2 (4%)	3 (6%)	3 (6%)
Epithelium, Hyperplasia, Squamous	6 (12%)	6 (12%)	5 (10%)	9 (18%)
Stomach, Glandular	(50)	(50)	(49)	(50)
Erosion	3 (6%)	2 (4%)	4 (8%)	3 (6%)
Metaplasia, Atypical				1 (2%)
Ulcer	2 (4%)		1 (2%)	
Glands, Hyperplasia	1 (2%)	1 (2%)	1 (2%)	2 (4%)
Tooth	(2)	(0)	(0)	(0)
Malformation	1 (50%)			
CARDIOVASCULAR SYSTEM				
Blood Vessel	(2)	(2)	(1)	(4)
Hypertrophy		1 (50%)		1 (25%)
Inflammation, Chronic		1 (50%)		1 (25%)
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	4 (8%)	1 (2%)	1 (2%)	1 (2%)
Hemorrhage		1 (2%)		
Inflammation, Chronic	3 (6%)	1 (2%)	3 (6%)	3 (6%)
Mineralization	1 (2%)	1 (2%)	2 (4%)	5 (10%)
Thrombosis		1 (2%)	1 (2%)	

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B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule	2 (4%)	7 (14%)	2 (4%)	2 (4%)
Angiectasis				1 (2%)
Degeneration, Fatty	1 (2%)			
Hyperplasia, Focal	1 (2%)	1 (2%)		1 (2%)
Hypertrophy, Focal	5 (10%)	8 (16%)	3 (6%)	2 (4%)
Capsule, Hyperplasia	8 (16%)	10 (20%)	2 (4%)	2 (4%)
Adrenal Medulla	(50)	(50)	(50)	(47)
Hyperplasia	1 (2%)	2 (4%)	1 (2%)	
Islets, Pancreatic	(50)	(50)	(48)	(50)
Hyperplasia	35 (70%)	29 (58%)	21 (44%)	10 (20%)
Parathyroid Gland	(32)	(40)	(37)	(38)
Cyst		2 (5%)	1 (3%)	1 (3%)
Pituitary Gland	(50)	(50)	(48)	(49)
Pars Distalis, Cyst	5 (10%)	6 (12%)	3 (6%)	3 (6%)
Thyroid Gland	(50)	(50)	(50)	(50)
Follicle, Cyst	1 (2%)	1 (2%)	2 (4%)	2 (4%)
Follicle, Degeneration, Focal	9 (18%)	18 (36%)	10 (20%)	8 (16%)
Follicular Cell, Hyperplasia	18 (36%)	14 (28%)	14 (28%)	5 (10%)
GENERAL BODY SYSTEM				
Tissue NOS	(0)	(0)	(0)	(1)
GENITAL SYSTEM				
Epididymis	(50)	(50)	(50)	(50)
Granuloma Sperm	1 (2%)			
Inflammation, Chronic	1 (2%)	1 (2%)		
Necrosis				1 (2%)
Spermatocoele		1 (2%)		
Preputial Gland	(48)	(50)	(50)	(50)
Foreign Body				1 (2%)
Granuloma				1 (2%)
Hyperplasia	1 (2%)			
Inflammation, Chronic	19 (40%)	27 (54%)	21 (42%)	22 (44%)
Duct, Ectasia	41 (85%)	41 (82%)	41 (82%)	47 (94%)
Prostate	(50)	(50)	(50)	(50)

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B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Inflammation, Chronic	2 (4%)	3 (6%)	2 (4%)	1 (2%)
Seminal Vesicle	(50)	(50)	(50)	(50)
Degeneration	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Inflammation, Chronic	1 (2%)			
Testes	(50)	(50)	(50)	(50)
Angiectasis	1 (2%)			
Germinal Epithelium, Atrophy	4 (8%)	3 (6%)	3 (6%)	8 (16%)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(48)	(47)	(48)
Depletion Cellular		1 (2%)		
Hyperplasia	29 (58%)	21 (44%)	31 (66%)	40 (83%)
Lymph Node	(5)	(6)	(5)	(3)
Iliac, Hematopoietic Cell Proliferation		1 (17%)	1 (20%)	
Iliac, Hyperplasia, Lymphoid	1 (20%)	1 (17%)		
Iliac, Pigmentation	2 (40%)		2 (40%)	
Inguinal, Pigmentation		1 (17%)		
Mediastinal, Hemorrhage		1 (17%)		3 (100%)
Mediastinal, Hyperplasia, Lymphoid	1 (20%)		1 (20%)	
Mediastinal, Pigmentation		1 (17%)	1 (20%)	3 (100%)
Lymph Node, Mandibular	(50)	(45)	(41)	(45)
Atrophy	1 (2%)	6 (13%)	3 (7%)	18 (40%)
Hematopoietic Cell Proliferation	1 (2%)	1 (2%)	1 (2%)	
Hyperplasia, Lymphoid	9 (18%)	10 (22%)	4 (10%)	
Pigmentation		1 (2%)	1 (2%)	2 (4%)
Lymph Node, Mesenteric	(45)	(45)	(44)	(45)
Angiectasis				1 (2%)
Atrophy	5 (11%)	5 (11%)	2 (5%)	15 (33%)
Ectasia			1 (2%)	
Hematopoietic Cell Proliferation	1 (2%)	2 (4%)	2 (5%)	3 (7%)
Hemorrhage	5 (11%)	3 (7%)	4 (9%)	2 (4%)
Hyperplasia, Lymphoid	7 (16%)	3 (7%)	2 (5%)	1 (2%)
Spleen	(50)	(50)	(50)	(50)
Accessory Spleen		1 (2%)		
Angiectasis				1 (2%)
Fibrosis				1 (2%)
Hematopoietic Cell Proliferation	20 (40%)	23 (46%)	39 (78%)	40 (80%)
Lymphoid Follicle, Atrophy	3 (6%)	5 (10%)	6 (12%)	6 (12%)
Lymphoid Follicle, Hyperplasia	3 (6%)	2 (4%)	2 (4%)	1 (2%)
Thymus	(46)	(40)	(36)	(40)

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B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Atrophy	14 (30%)	22 (55%)	18 (50%)	24 (60%)
Cyst	8 (17%)	4 (10%)	3 (8%)	3 (8%)
Hyperplasia, Lymphoid				1 (3%)
INTEGUMENTARY SYSTEM				
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion		1 (2%)		
Edema		1 (2%)	5 (10%)	1 (2%)
Hemorrhage		1 (2%)		
Ulcer	2 (4%)	4 (8%)	5 (10%)	4 (8%)
Epidermis, Hyperplasia	2 (4%)	3 (6%)	5 (10%)	4 (8%)
Sebaceous Gland, Hyperplasia			1 (2%)	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Necrosis, Focal				1 (2%)
Cranium, Osteopetrosis		1 (2%)	1 (2%)	
Femur, Fibrous Osteodystrophy				1 (2%)
Skeletal Muscle	(2)	(3)	(2)	(6)
Atrophy	1 (50%)			1 (17%)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Gliosis		1 (2%)		
Hemorrhage	1 (2%)	1 (2%)		1 (2%)
Peripheral Nerve	(1)	(2)	(2)	(5)
Atrophy	1 (100%)	1 (50%)	1 (50%)	2 (40%)
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Edema		1 (2%)		1 (2%)
Foreign Body	1 (2%)			1 (2%)
Hemorrhage	1 (2%)	3 (6%)	1 (2%)	2 (4%)
Hyperplasia, Lymphoid	1 (2%)	2 (4%)		1 (2%)
Infiltration Cellular, Histiocyte	10 (20%)	14 (28%)	5 (10%)	7 (14%)

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B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Inflammation, Suppurative	1 (2%)			2 (4%)
Thrombosis				2 (4%)
Alveolar Epithelium, Hyperplasia	3 (6%)	6 (12%)	4 (8%)	3 (6%)
Nose	(50)	(50)	(50)	(50)
Foreign Body	1 (2%)			1 (2%)
Inflammation, Chronic	2 (4%)			1 (2%)
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(50)	(50)
Atrophy			1 (2%)	
Hemorrhage		1 (2%)		
Inflammation, Chronic		1 (2%)	1 (2%)	
Cornea, Hyperplasia		1 (2%)	1 (2%)	
Harderian Gland	(50)	(50)	(49)	(50)
Hyperplasia, Focal	4 (8%)	1 (2%)	2 (4%)	2 (4%)
Inflammation, Chronic			1 (2%)	
Acinus, Atrophy	1 (2%)			
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Cyst	10 (20%)	10 (20%)	16 (32%)	2 (4%)
Glomerulosclerosis			1 (2%)	1 (2%)
Hydronephrosis	1 (2%)	1 (2%)		2 (4%)
Hyperplasia, Lymphoid	1 (2%)		1 (2%)	
Infarct	11 (22%)	2 (4%)	6 (12%)	5 (10%)
Inflammation, Suppurative		1 (2%)		1 (2%)
Inflammation, Chronic	3 (6%)	3 (6%)	3 (6%)	2 (4%)
Metaplasia, Osseous	6 (12%)	6 (12%)	3 (6%)	1 (2%)
Nephropathy	40 (80%)	39 (78%)	31 (62%)	29 (58%)
Renal Tubule, Accumulation, Hyaline Droplet		1 (2%)	2 (4%)	
Renal Tubule, Dilatation, Diffuse	2 (4%)	1 (2%)	1 (2%)	2 (4%)
Renal Tubule, Hyperplasia	1 (2%)	1 (2%)		
Renal Tubule, Necrosis	1 (2%)	2 (4%)	1 (2%)	3 (6%)
Renal Tubule, Pigmentation	1 (2%)	4 (8%)	21 (42%)	24 (48%)
Urethra	(1)	(0)	(0)	(0)
Angiectasis	1 (100%)			
Inflammation, Acute	1 (100%)			
Urinary Bladder	(50)	(50)	(49)	(50)

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B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Edema		2 (4%)	2 (4%)	1 (2%)
Inflammation, Chronic		1 (2%)	1 (2%)	
Transitional Epithelium, Hyperplasia			1 (2%)	

*** END OF MALE ***

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Disposition Summary				
Animals Initially in Study	66	66	66	66
Early Deaths				
Moribund Sacrifice	4	3	3	2
Natural Death	10	5	15	8
Survivors				
Natural Death				1
Terminal Sacrifice	36	42	32	39
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Gallbladder	(42)	(49)	(41)	(41)
Intestine Large, Cecum	(48)	(50)	(46)	(47)
Edema		1 (2%)		1 (2%)
Ulcer		1 (2%)		
Intestine Large, Colon	(50)	(50)	(50)	(49)
Diverticulum		1 (2%)		
Intestine Small, Duodenum	(48)	(45)	(45)	(46)
Epithelium, Hyperplasia		1 (2%)		1 (2%)
Intestine Small, Ileum	(47)	(50)	(47)	(46)
Epithelium, Hyperplasia		2 (4%)		
Intestine Small, Jejunum	(48)	(48)	(46)	(44)
Hyperplasia, Lymphoid	1 (2%)			1 (2%)
Epithelium, Hyperplasia		1 (2%)	1 (2%)	
Peyer's Patch, Inflammation, Suppurative				1 (2%)
Liver	(50)	(50)	(50)	(50)
Angiectasis	1 (2%)		2 (4%)	
Autolysis				1 (2%)
Basophilic Focus	1 (2%)	3 (6%)	6 (12%)	5 (10%)
Clear Cell Focus	4 (8%)	4 (8%)	2 (4%)	
Eosinophilic Focus	13 (26%)	22 (44%)	31 (62%)	24 (48%)
Hematopoietic Cell Proliferation	3 (6%)	1 (2%)	2 (4%)	2 (4%)
Hemorrhage	2 (4%)		1 (2%)	
Infiltration Cellular, Mixed Cell	4 (8%)	4 (8%)	5 (10%)	
Mixed Cell Focus	5 (10%)	10 (20%)	6 (12%)	1 (2%)
Necrosis, Focal	3 (6%)	2 (4%)	2 (4%)	2 (4%)
Tension Lipidosis		1 (2%)		1 (2%)

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B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Bile Duct, Cyst Multilocular		1 (2%)		1 (2%)
Centrilobular, Necrosis				2 (4%)
Hepatocyte, Fatty Change		1 (2%)	1 (2%)	
Hepatocyte, Fatty Change, Focal	1 (2%)			
Hepatocyte, Hyperplasia, Nodular	1 (2%)			
Hepatocyte, Vacuolization Cytoplasmic	3 (6%)	11 (22%)	27 (54%)	42 (84%)
Kupffer Cell, Hyperplasia	1 (2%)			
Mesentery	(14)	(16)	(15)	(7)
Inflammation, Suppurative			1 (7%)	
Proliferation Connective Tissue			1 (7%)	
Fat, Necrosis	8 (57%)	15 (94%)	9 (60%)	5 (71%)
Pancreas	(49)	(50)	(49)	(49)
Atrophy		1 (2%)		
Cyst	1 (2%)	1 (2%)		
Acinus, Cytoplasmic Alteration	3 (6%)	4 (8%)	2 (4%)	3 (6%)
Salivary Glands	(50)	(50)	(48)	(48)
Atrophy				1 (2%)
Hyperplasia, Lymphoid	17 (34%)	19 (38%)	12 (25%)	12 (25%)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Diverticulum	1 (2%)			1 (2%)
Edema		1 (2%)		
Erosion	1 (2%)			
Inflammation, Chronic	2 (4%)		1 (2%)	
Ulcer		2 (4%)	1 (2%)	
Epithelium, Hyperplasia, Squamous	3 (6%)	2 (4%)	1 (2%)	3 (6%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	2 (4%)		1 (2%)	2 (4%)
Ulcer				2 (4%)
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy		1 (2%)	2 (4%)	
Inflammation, Chronic			1 (2%)	
Mineralization		2 (4%)	2 (4%)	
Thrombosis	1 (2%)	1 (2%)	1 (2%)	1 (2%)
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(49)	(50)

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B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Accessory Adrenal Cortical Nodule	10 (20%)	8 (16%)	6 (12%)	10 (20%)
Hyperplasia, Focal	2 (4%)			
Hyperplasia, Diffuse			1 (2%)	
Capsule, Hyperplasia				2 (4%)
Zona Reticularis, Vacuolization Cytoplasmic		1 (2%)		2 (4%)
Adrenal Medulla	(50)	(50)	(49)	(48)
Hyperplasia		1 (2%)		1 (2%)
Islets, Pancreatic	(49)	(50)	(48)	(49)
Hyperplasia	3 (6%)	3 (6%)		
Parathyroid Gland	(36)	(47)	(44)	(47)
Cyst	1 (3%)	3 (6%)		4 (9%)
Pituitary Gland	(48)	(49)	(48)	(49)
Pars Distalis, Angiectasis	2 (4%)			
Pars Distalis, Cyst	1 (2%)	1 (2%)	2 (4%)	3 (6%)
Pars Distalis, Hyperplasia, Focal	10 (21%)	7 (14%)	4 (8%)	6 (12%)
Pars Intermedia, Hyperplasia				1 (2%)
Thyroid Gland	(50)	(50)	(49)	(49)
Inflammation, Granulomatous		2 (4%)		
C-cell, Hyperplasia				1 (2%)
Follicle, Cyst	1 (2%)	4 (8%)	4 (8%)	3 (6%)
Follicle, Degeneration, Focal	19 (38%)	22 (44%)	20 (41%)	13 (27%)
Follicular Cell, Hyperplasia	15 (30%)	18 (36%)	11 (22%)	9 (18%)
GENERAL BODY SYSTEM				
Tissue NOS	(1)	(0)	(2)	(0)
GENITAL SYSTEM				
Clitoral Gland	(43)	(50)	(49)	(46)
Cyst	1 (2%)			
Ovary	(47)	(50)	(44)	(48)
Amyloid Deposition	1 (2%)			
Angiectasis	6 (13%)	6 (12%)	4 (9%)	6 (13%)
Cyst	20 (43%)	15 (30%)	12 (27%)	10 (21%)
Hyperplasia, Tubular		1 (2%)		
Thrombosis			1 (2%)	
Corpus Luteum, Hyperplasia				3 (6%)
Thecal Cell, Hyperplasia	1 (2%)	1 (2%)		
Uterus	(50)	(50)	(50)	(50)

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
 WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
 CAS Number: 5589-96-8
 Pathologist: HEATH, J. - Unknown, U.

Date Report Requested: 08/21/2006
 Time Report Requested: 10:19:09
 First Dose M/F: 10/10/01 / 10/10/01
 Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Angiectasis	1 (2%)	2 (4%)	3 (6%)	2 (4%)
Hemorrhage				1 (2%)
Endometrium, Hyperplasia, Cystic	39 (78%)	46 (92%)	44 (88%)	44 (88%)
Vagina	(1)	(1)	(0)	(0)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Depletion Cellular		1 (2%)		
Hyperplasia	14 (28%)	10 (20%)	22 (44%)	14 (28%)
Myelofibrosis		1 (2%)		
Lymph Node	(11)	(11)	(4)	(5)
Iliac, Ectasia	2 (18%)			
Iliac, Hematopoietic Cell Proliferation				1 (20%)
Iliac, Hyperplasia, Lymphoid	1 (9%)	1 (9%)		
Inguinal, Hyperplasia, Lymphoid	1 (9%)			
Mediastinal, Hyperplasia, Lymphoid		2 (18%)	1 (25%)	
Renal, Hyperplasia, Lymphoid	2 (18%)			
Lymph Node, Mandibular	(49)	(49)	(46)	(42)
Atrophy	1 (2%)	1 (2%)	2 (4%)	
Hematopoietic Cell Proliferation			1 (2%)	
Hemorrhage	1 (2%)	1 (2%)		
Hyperplasia, Lymphoid	2 (4%)	6 (12%)	4 (9%)	7 (17%)
Pigmentation	7 (14%)	9 (18%)	3 (7%)	6 (14%)
Lymph Node, Mesenteric	(50)	(48)	(47)	(47)
Atrophy	2 (4%)	2 (4%)	2 (4%)	
Ectasia	1 (2%)	1 (2%)		
Hematopoietic Cell Proliferation	2 (4%)	2 (4%)		
Hemorrhage	4 (8%)			
Hyperplasia, Lymphoid	4 (8%)	5 (10%)	1 (2%)	2 (4%)
Spleen	(49)	(50)	(50)	(50)
Angiectasis			1 (2%)	
Hematopoietic Cell Proliferation	33 (67%)	40 (80%)	39 (78%)	27 (54%)
Pigmentation		4 (8%)	3 (6%)	2 (4%)
Lymphoid Follicle, Atrophy	1 (2%)	1 (2%)	3 (6%)	1 (2%)
Lymphoid Follicle, Hyperplasia	8 (16%)	13 (26%)	8 (16%)	9 (18%)
Thymus	(49)	(47)	(49)	(48)
Atrophy	2 (4%)	5 (11%)	11 (22%)	5 (10%)
Cyst			2 (4%)	1 (2%)
Hyperplasia, Lymphoid	6 (12%)	7 (15%)	2 (4%)	5 (10%)

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
 WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
 CAS Number: 5589-96-8
 Pathologist: HEATH, J. - Unknown, U.

Date Report Requested: 08/21/2006
 Time Report Requested: 10:19:09
 First Dose M/F: 10/10/01 / 10/10/01
 Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(50)
Hyperplasia	4 (8%)	2 (4%)	8 (16%)	6 (12%)
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion			1 (2%)	
Edema			1 (2%)	1 (2%)
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fibrosis	1 (2%)	6 (12%)	4 (8%)	4 (8%)
Cranium, Osteopetrosis	1 (2%)	1 (2%)		
Skeletal Muscle	(2)	(2)	(4)	(2)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Compression	2 (4%)		2 (4%)	1 (2%)
Hemorrhage	1 (2%)			
Peripheral Nerve	(1)	(2)	(1)	(1)
Atrophy		2 (100%)	1 (100%)	1 (100%)
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Foreign Body				2 (4%)
Hemorrhage	2 (4%)	5 (10%)	5 (10%)	6 (12%)
Hyperplasia, Lymphoid	1 (2%)	3 (6%)		
Infiltration Cellular, Histiocyte	5 (10%)	2 (4%)	4 (8%)	6 (12%)
Metaplasia, Osseous	1 (2%)			
Alveolar Epithelium, Hyperplasia	2 (4%)	4 (8%)	1 (2%)	1 (2%)
Nose	(50)	(49)	(50)	(50)
Inflammation, Chronic	1 (2%)			1 (2%)
SPECIAL SENSES SYSTEM				

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
 WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
 CAS Number: 5589-96-8
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Date Report Requested: 08/21/2006
 Time Report Requested: 10:19:09
 First Dose M/F: 10/10/01 / 10/10/01
 Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Eye	(50)	(50)	(50)	(48)
Atrophy	1 (2%)	1 (2%)		2 (4%)
Cataract		1 (2%)		1 (2%)
Inflammation, Chronic		1 (2%)		
Harderian Gland	(49)	(50)	(50)	(47)
Hyperplasia, Focal		5 (10%)	4 (8%)	1 (2%)
Inflammation, Chronic	1 (2%)			
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Casts Granular	2 (4%)	1 (2%)		1 (2%)
Hydronephrosis			1 (2%)	
Infarct	8 (16%)	4 (8%)	2 (4%)	3 (6%)
Inflammation, Suppurative			1 (2%)	
Inflammation, Chronic	4 (8%)		3 (6%)	3 (6%)
Metaplasia, Osseous	1 (2%)	2 (4%)	3 (6%)	2 (4%)
Nephropathy	5 (10%)	5 (10%)	8 (16%)	6 (12%)
Renal Tubule, Accumulation, Hyaline Droplet	1 (2%)			1 (2%)
Renal Tubule, Necrosis	1 (2%)		1 (2%)	
Renal Tubule, Pigmentation			1 (2%)	1 (2%)
Urinary Bladder	(50)	(50)	(50)	(50)
Edema			1 (2%)	
Inflammation, Chronic	7 (14%)	4 (8%)	3 (6%)	6 (12%)
Transitional Epithelium, Hyperplasia			1 (2%)	

*** END OF REPORT ***